

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



In the application of: Richard A. Mathies, et al.

Attorney Docket No.: UCALP020

Application No.: 10/750,533

Examiner: Beisner, William H.

Filed: December 29, 2003

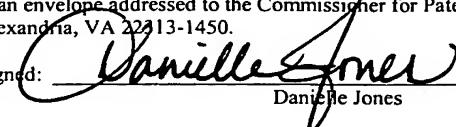
Group: 1744

Title: FLUID CONTROL STRUCTURES IN  
MICROFLUIDIC DEVICES

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on January 10, 2008 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed:

  
Danielle Jones

**AMENDMENT**

Mail Stop Amendment  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated July 12, 2007, please amend the above-identified patent application as follows:

**Amendments to Claims** begin on page 2 of this paper.

**Summary of Claims** begin on page 8 of this paper.

**Remarks** begin on page 9 of this paper.